

1/7

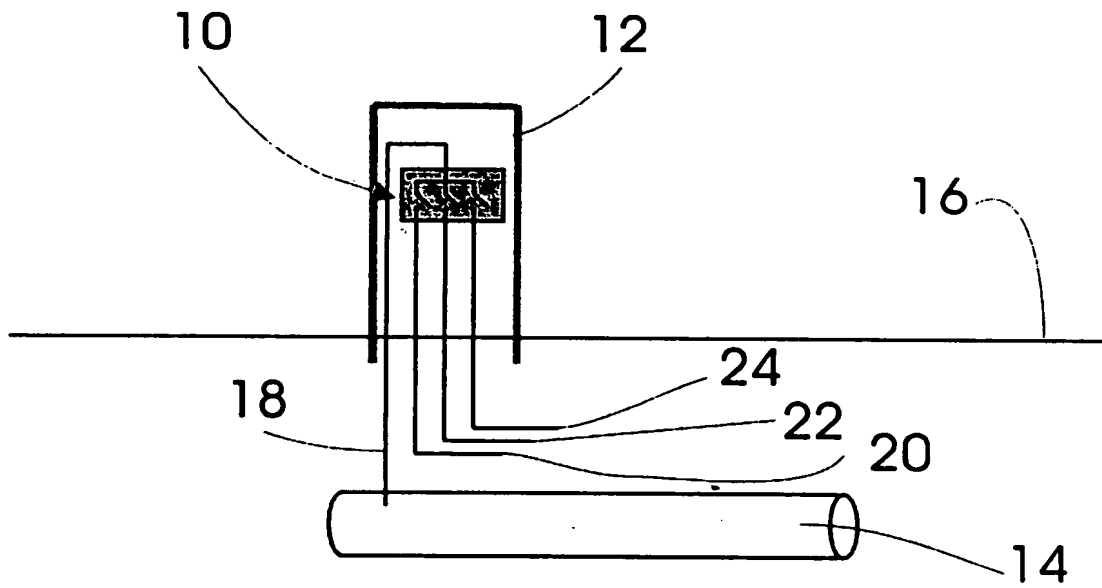


Fig. 1

2/7

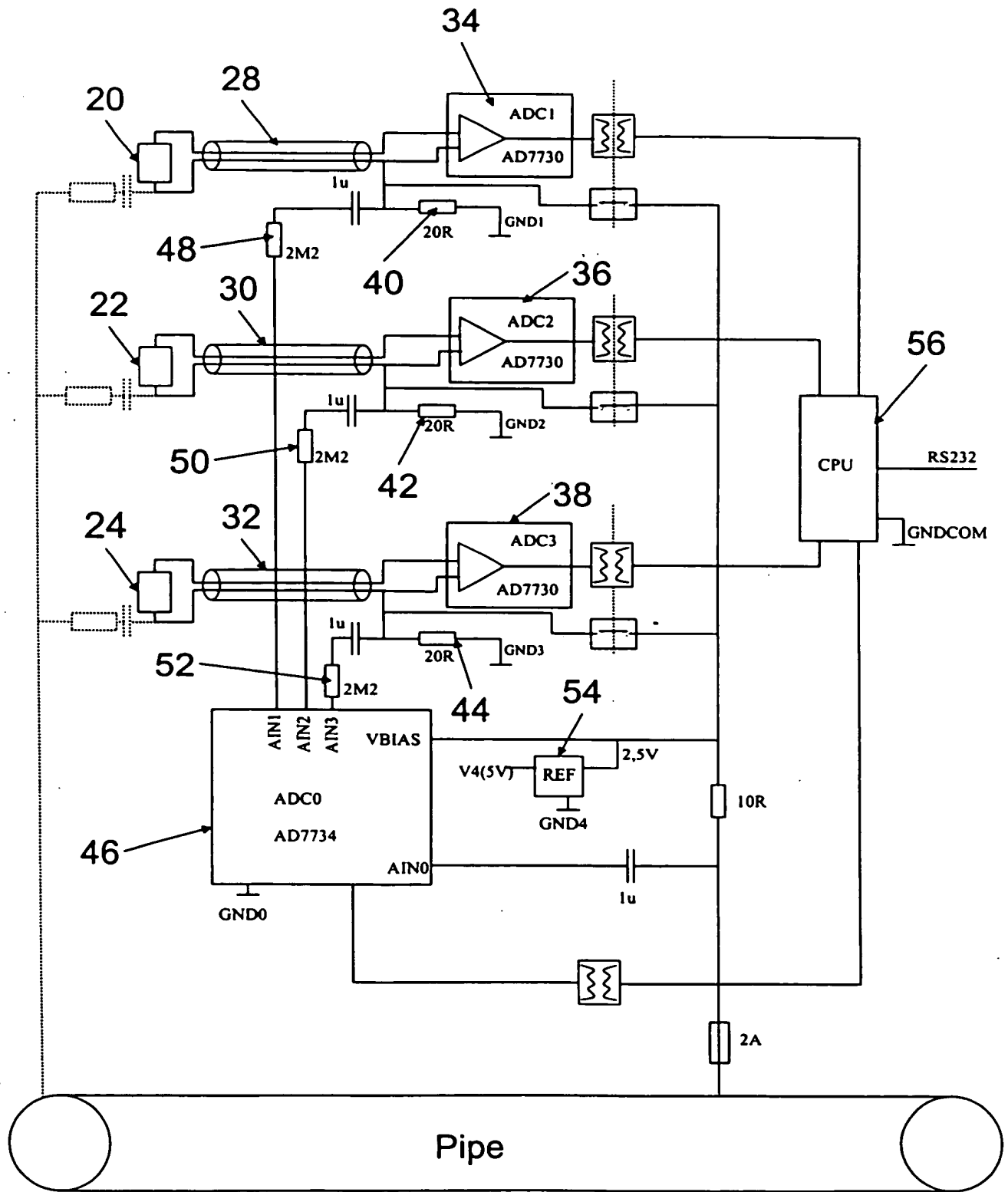


Fig. 2A

3/7

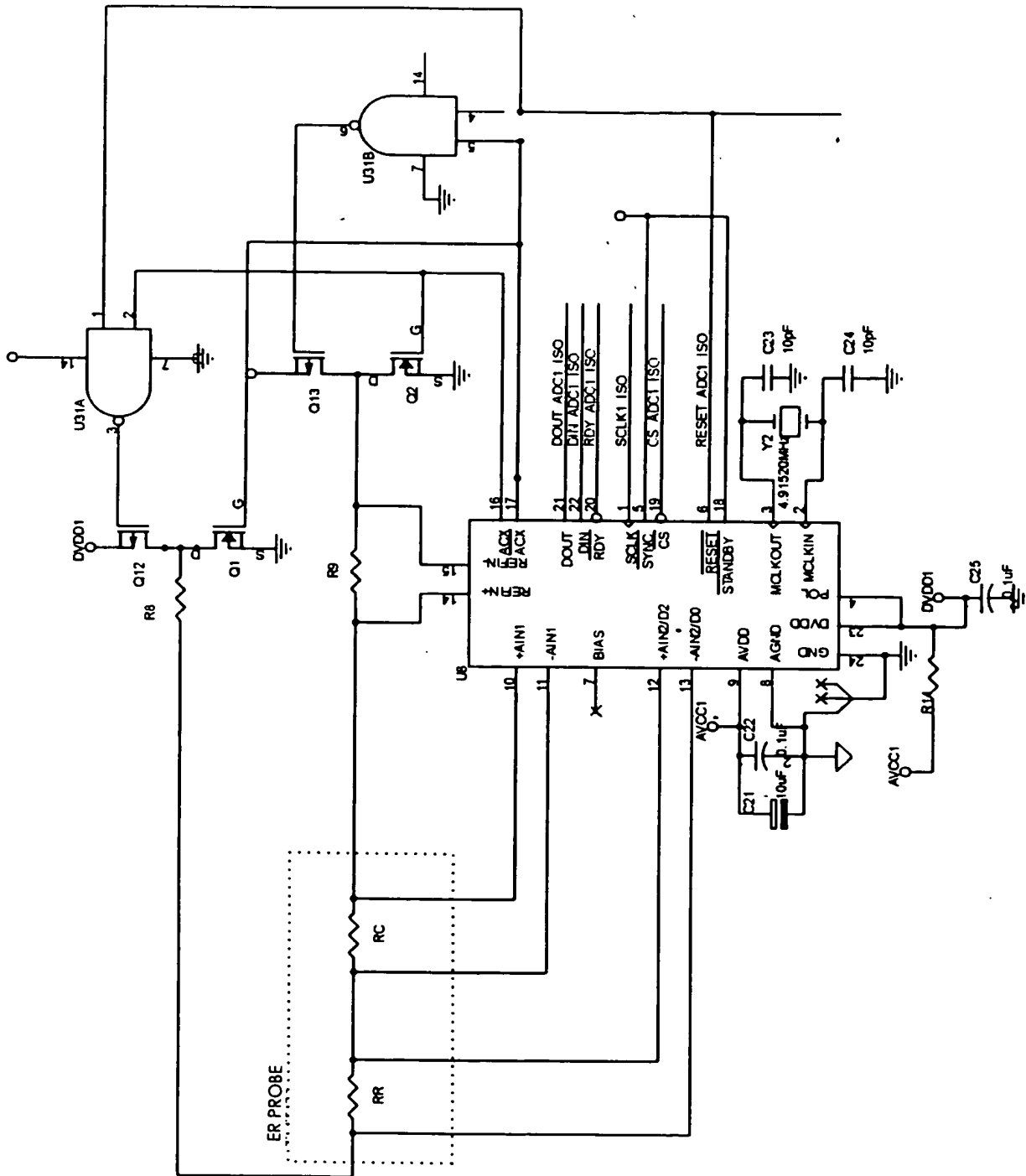


Fig. 2B

4/7

100

Sequence Configuration

Sequence | Probe 1 | Probe 2 | Probe 3 | Download

Logger Status

102 AC Corrosion Logger Serial No. 04010001

104 Firmware V1.0

106 Logger Time: 20-01-2004 14:22

108 PC Time 20-01-2004 14:21

110 Datasets in Logger 122 Data not Uploaded ☒

112 Memory Free 378

114 Power 12.2V

Refresh 116

Logging Sequence

118 Sampling Interval 120

5 Days 124

122 Start Time: ☐ 21-01-2004, 16:30 ☒ On Next Power Up

Action when memory full: ☒ Overwrite old data ☒ Stop Logging

Log Probes: 126 ☒ Probe 1 130 ☒ Probe 2 132 ☐ Probe 3 134 128

Print close

FIG. 3

5/7

Sequence Configuration

Sequence | Probe 1 | Probe 2 | Probe 3 | Download

Factory Data

Serial No. 123456789123456

Probe Type AA12345678

Area 10.0 cm²

Initial Thickness (d) 100 µm

Certificate Rr 18.34 mΩ

Certificate Rc 18.27 mΩ

Initial Resistance Data

Recorded on
AC Corrosion Logger
No. 04010001
20-01-2004.14:22
Rr: 18.48mΩ
Rc: 17.52mΩ

User Data

Tag No. 12345678

Description Dette er en ER probe, som er god til at male pa gasrør med (77 chr)

Open

Save

Probe Condition:

☒ New Probe (Logger records Initial Resistance Data)

☒ Exposed Probe (Use Initial Resistance Data from file- Recommended if data are available)

☒ Exposed Probe (Use Certificate data)

Print Back close

Print Back close

Print Back close

FIG. 4

6/7

164 166 168

Sequence Configuration

Sequence | Probe 1 | Probe 2 | Probe 3 | Download

Probe 1

Exposed Probe

Serial No.
123456789123456

Probe Type
AA12345678

Area: 10.0 cm²

d: 100μm

Rr: 18.48 mΩ

Rc: 17.52 mΩ

Tag No. 12345678

Dette er en ER probe
til at male på gasrør
med (77chr)

Probe 2

New Probe

Serial No.
123456789123454

Probe Type
AB12345678

Area: 25.2 cm²

d: 50μm

Rr: First
measurement

Rc: First
measurement

Tag No. 12345678

Dette er en ER
højtløslom probe

Probe 3

Not selected

Logging Sequence

Logging every 5 days starting on next power up

AC Corrosion Logger No. 04010001 has memory enough to log in
456 days

Logger Time will be set to PC Time

170

Print Back Download Close

FIG. 5



FIG. 6